

**Measuring Device for Body Fluids and Infusion Set and
Dialysis Probe comprising such a Measuring Device**

What is claimed is:

1. A measuring device for body fluids, comprising an access (2) to the interior of the body and a sensor (1) to which the body fluid to be measured is supplied via said access (2), characterised in that said sensor (1) is arranged on a part of said measuring device outside the body, in the immediate vicinity of the end, outside the body, of said access (2).
2. The measuring device as set forth in claim 1, characterised in that said sensor (1) is arranged such that it may be removed and/or exchanged.
3. The measuring device as set forth in claim 1, characterised in that a valve means is arranged in the fluid channel which surrounds the fluid flow from said access (2) to said sensor (1), said valve means preventing a reverse flow of the fluid from said sensor (1) into said access (2).
4. The measuring device as set forth in claim 1, characterised in that said sensor (1) is arranged on a catheter head (7) of an infusion set.
5. The measuring device as set forth in claim 1, characterised in that said sensor (1) is arranged in the outlet (5), outside the body, of an implanted dialysis probe.
6. An infusion set comprising a measuring device as set forth in claim 1.
7. A dialysis probe comprising a measuring device as set forth in claim 1.